

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030813.D
 Acq On : 26 Aug 2022 10:08
 Operator : JC/MD
 Sample : VX0826WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBL01

Quant Time: Aug 27 02:37:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

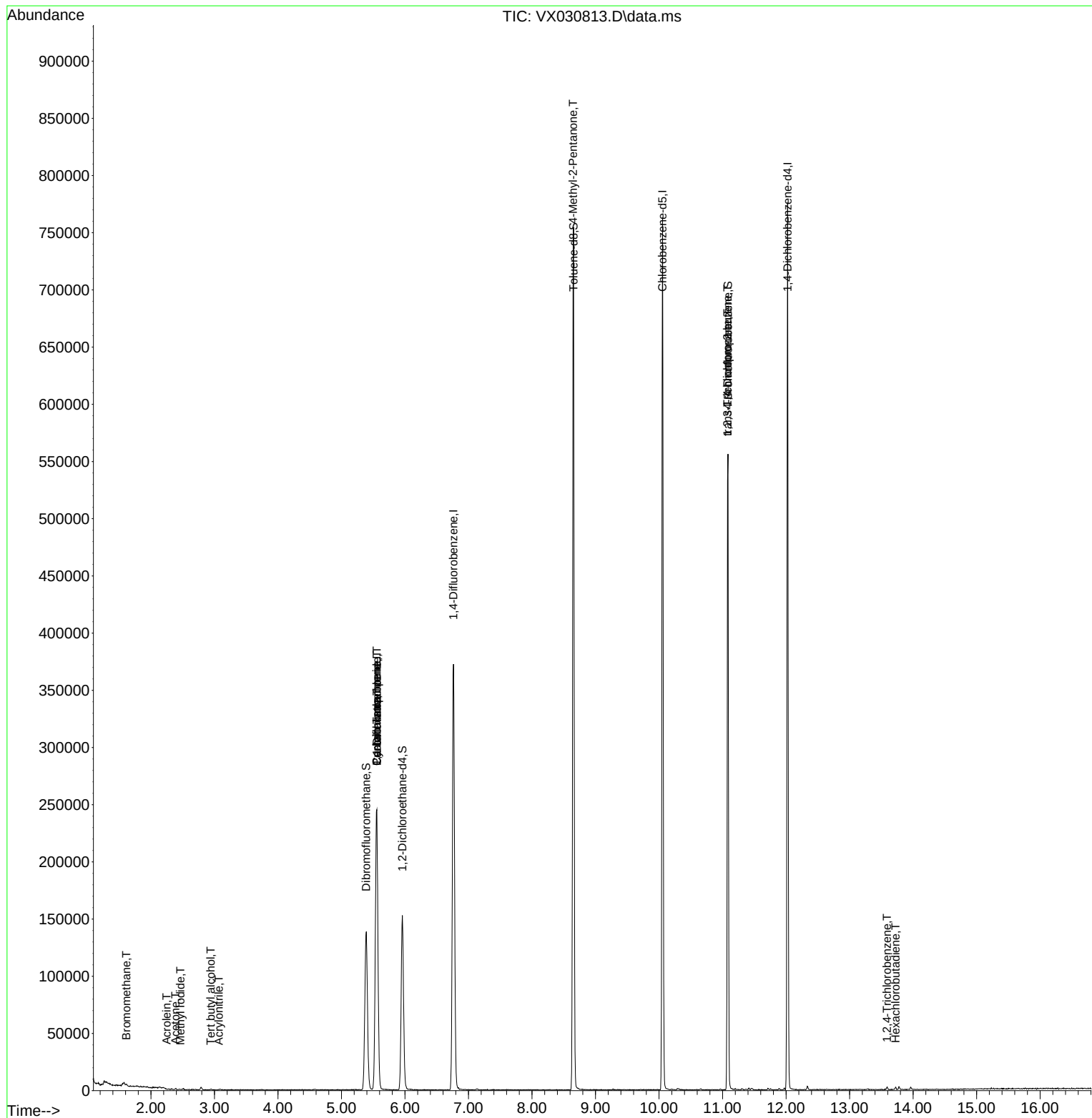
Internal Standards						
1) Pentafluorobenzene	5.556	168	237034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	392479	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	351641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144203	51.720	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 103.440%		
35) Dibromofluoromethane	5.385	113	123474	51.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 102.380%		
50) Toluene-d8	8.653	98	460275	54.759	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 109.520%		
62) 4-Bromofluorobenzene	11.085	95	156163	49.903	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 99.800%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	495	Below Cal		91
4) Vinyl Chloride	1.374	62	19	Below Cal	#	12
5) Bromomethane	1.611	94	542	0.491	ug/l	97
6) Chloroethane	1.685	64	96	Below Cal	#	41
10) Methyl Iodide	2.465	142	336	4.190	ug/l #	85
11) Tert butyl alcohol	2.940	59	205	0.339	ug/l #	74
13) Acrolein	2.245	56	136	10.296	ug/l #	32
15) Acrylonitrile	3.068	53	346	0.233	ug/l #	46
16) Acetone	2.386	43	731	0.567	ug/l #	61
17) Carbon Disulfide	2.514	76	1228	Below Cal	#	74
20) Methylene Chloride	2.788	84	955	Below Cal	#	91
31) Cyclohexane	5.556	56	4589	1.287	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18760	5.711	ug/l #	47
38) Carbon Tetrachloride	5.556	117	23108	6.670	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1710	0.433	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	75430	22.183	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	75430	71.571	ug/l #	13
93) 1,2,4-Trichlorobenzene	13.591	180	809	0.254	ug/l	96
94) Hexachlorobutadiene	13.725	225	374	0.282	ug/l	86

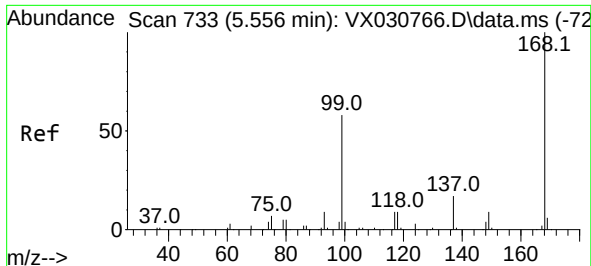
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

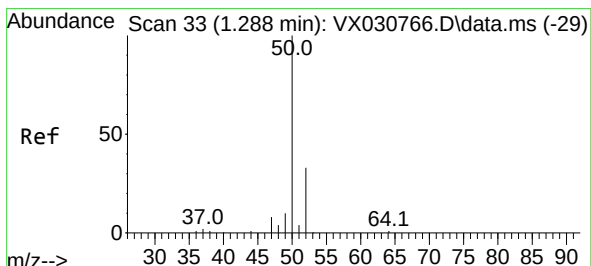
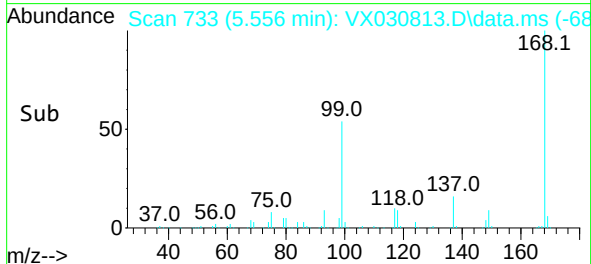
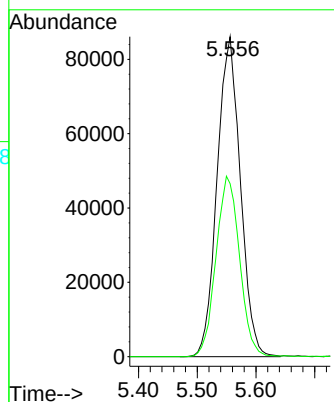
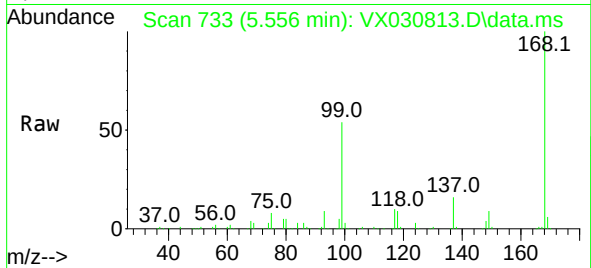




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

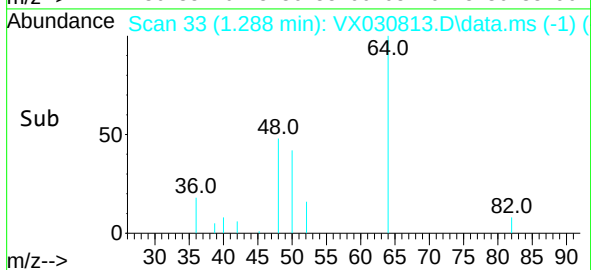
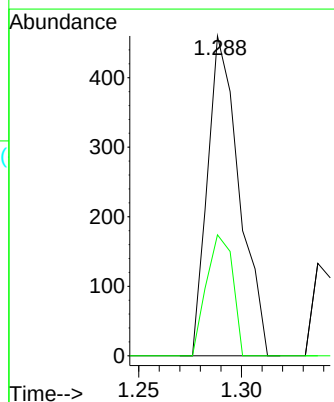
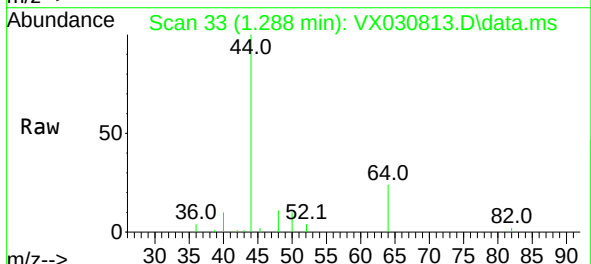
Instrument :
MSVOA_X
ClientSampleId :
VX0826WBL01

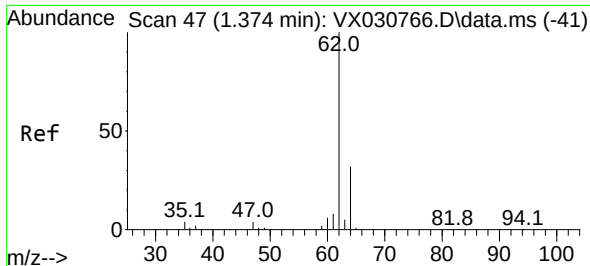
Tgt Ion:168 Resp: 237034
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

Tgt Ion: 50 Resp: 495
Ion Ratio Lower Upper
50 100
52 37.8 26.3 39.5

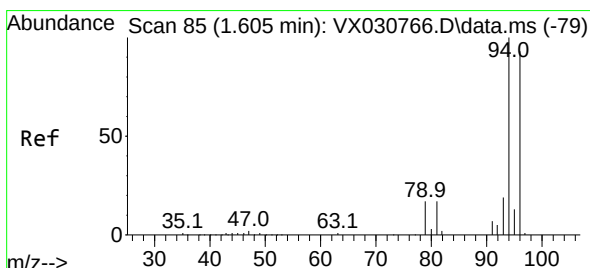
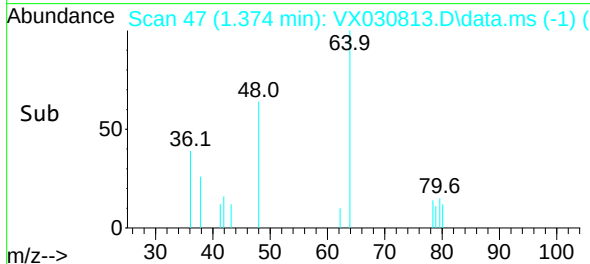
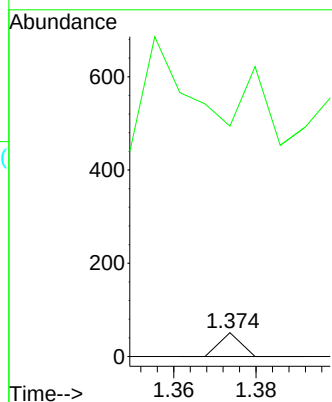
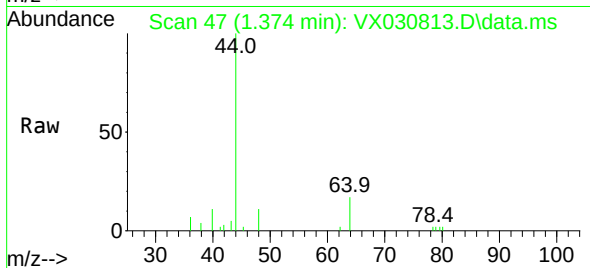




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030813.D
 Acq: 26 Aug 2022 10:08

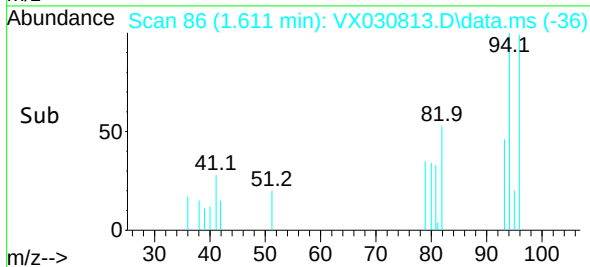
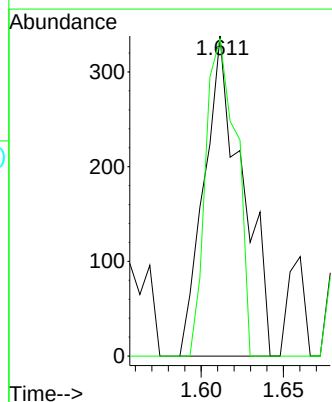
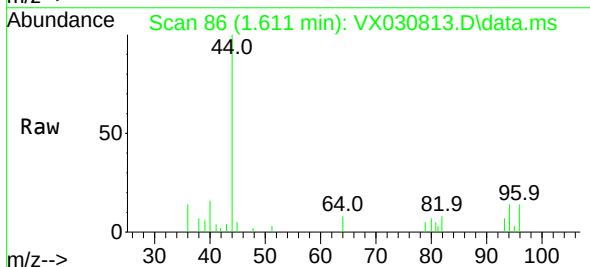
Instrument :
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 ClientSampleId :
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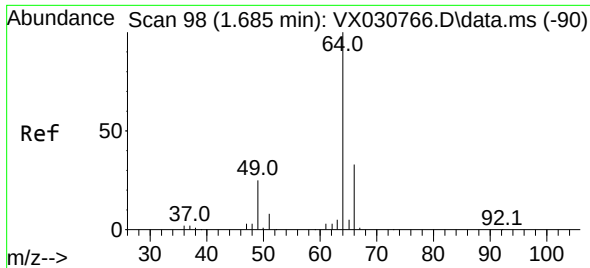
Tgt Ion: 62 Resp: 19
 Ion Ratio Lower Upper
 62 100
 64 80.4 25.2 37.8#



#5
 Bromomethane
 Concen: 0.491 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX030813.D
 Acq: 26 Aug 2022 10:08

Tgt Ion: 94 Resp: 542
 Ion Ratio Lower Upper
 94 100
 96 99.1 76.9 115.3

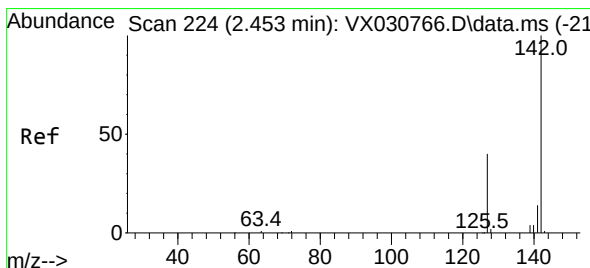
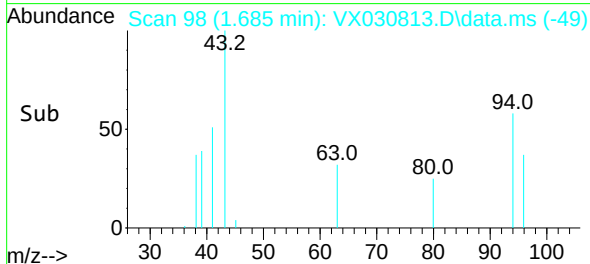
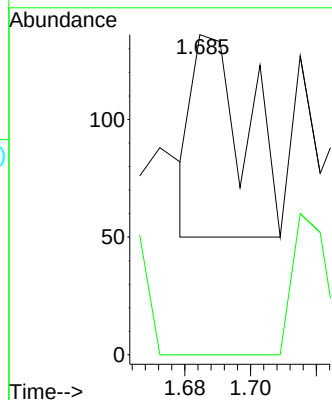
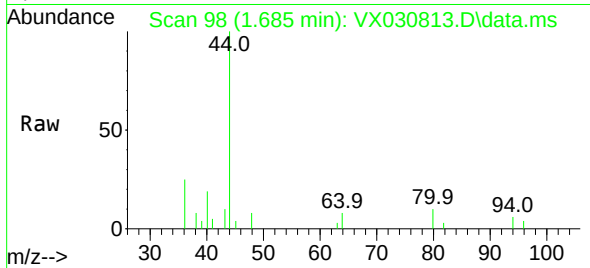




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

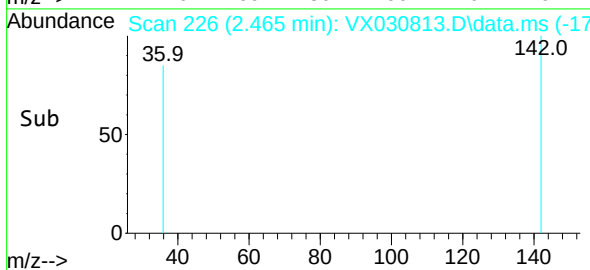
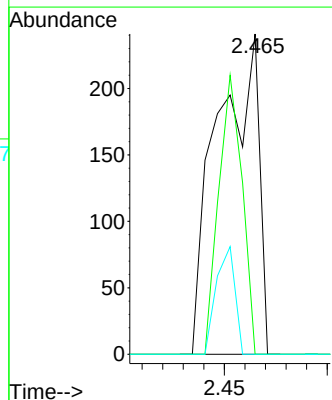
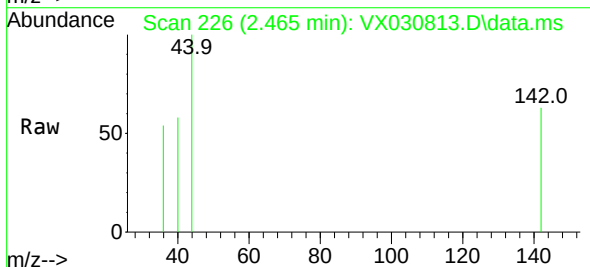
Instrument :
MSVOA_X
ClientSampleId :
VX0826WBL01

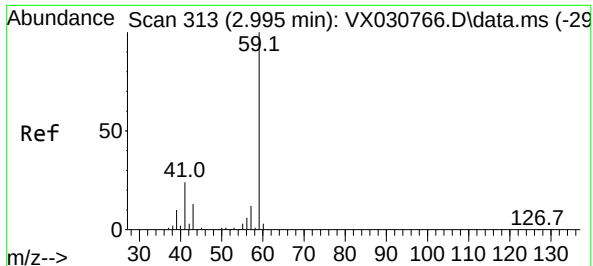
Tgt Ion: 64 Resp: 96
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.190 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

Tgt Ion: 142 Resp: 336
Ion Ratio Lower Upper
142 100
127 49.4 30.2 45.2#
141 15.2 11.3 16.9





#11

Tert butyl alcohol

Concen: 0.339 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX030813.D

Acq: 26 Aug 2022 10:08

Instrument :

MSVOA_X

ClientSampleId :

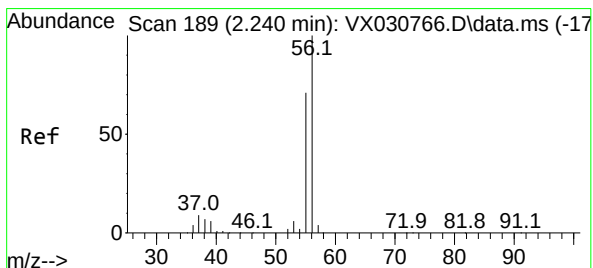
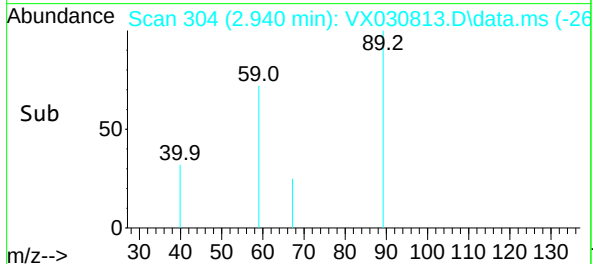
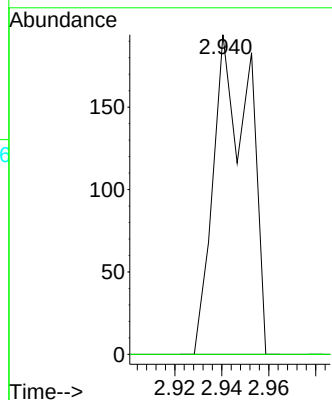
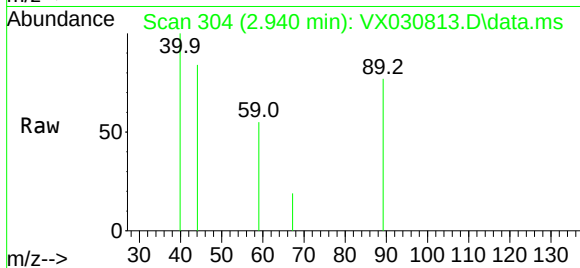
VX0826WBL01

Tgt Ion: 59 Resp: 205

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 10.296 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.005 min

Lab File: VX030813.D

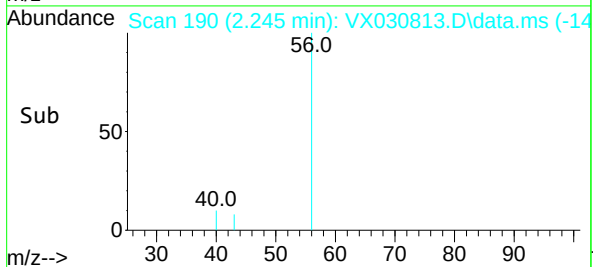
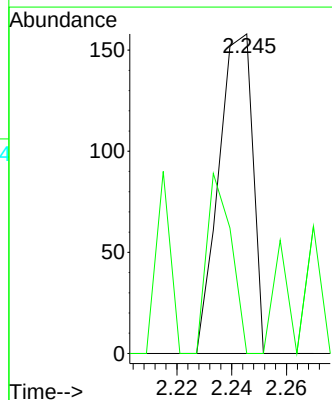
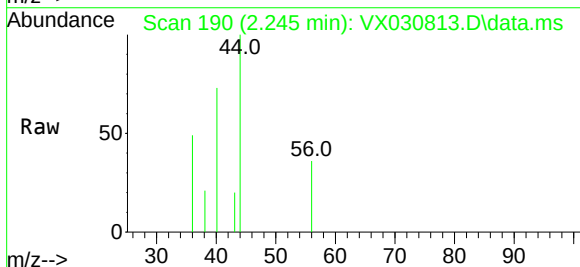
Acq: 26 Aug 2022 10:08

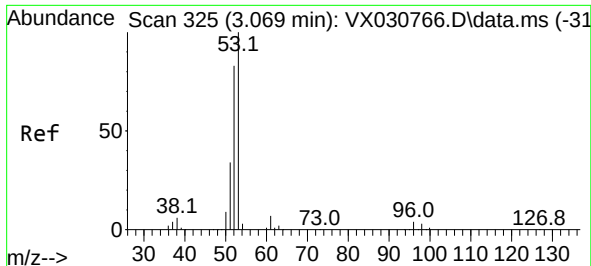
Tgt Ion: 56 Resp: 136

Ion Ratio Lower Upper

56 100

55 14.7 56.6 84.8#

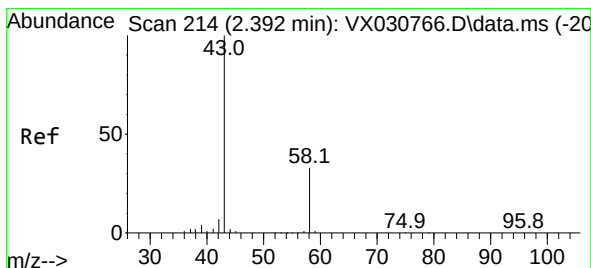
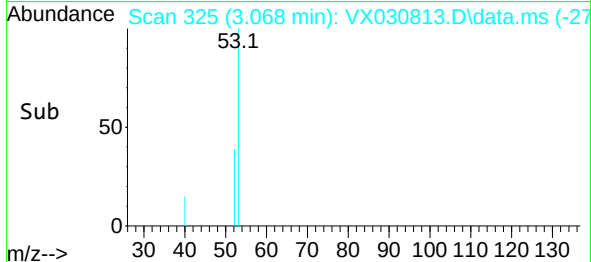
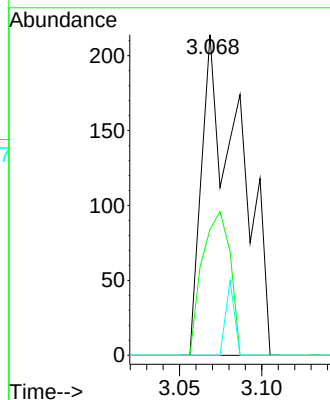
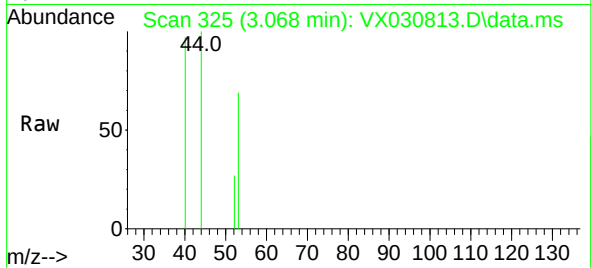




#15
Acrylonitrile
Concen: 0.233 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

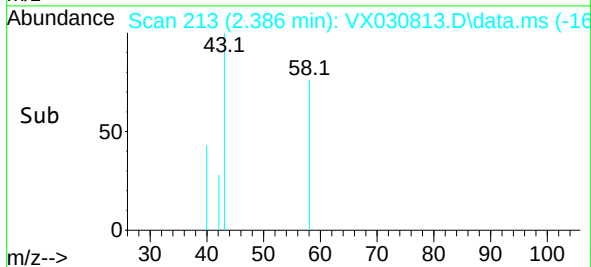
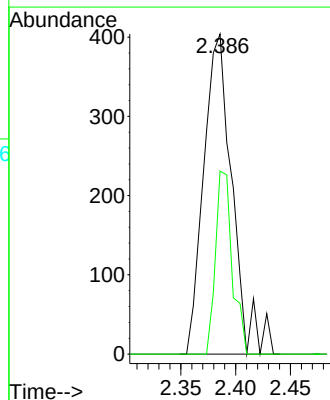
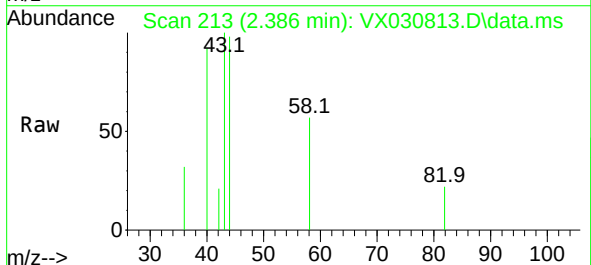
Instrument :
MSVOA_X
ClientSampleId :
VX0826WBL01

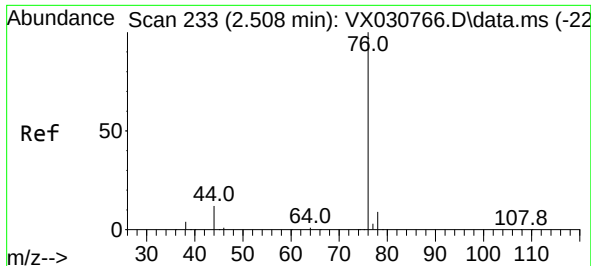
Tgt Ion: 53 Resp: 346
Ion Ratio Lower Upper
53 100
52 32.7 65.4 98.0#
51 5.2 27.7 41.5#



#16
Acetone
Concen: 0.567 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
58 57.2 27.7 41.5#

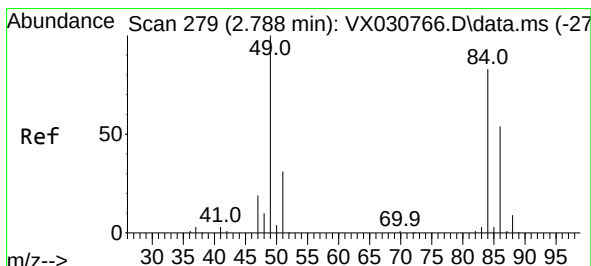
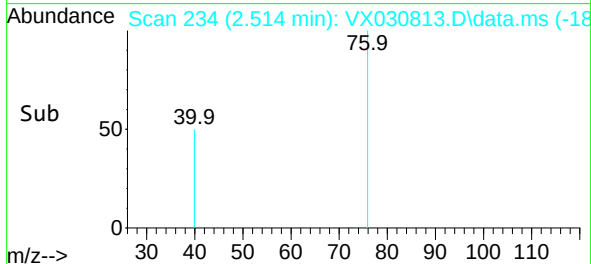
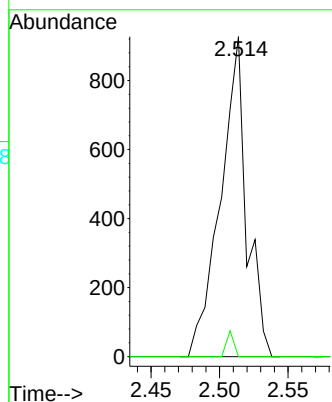
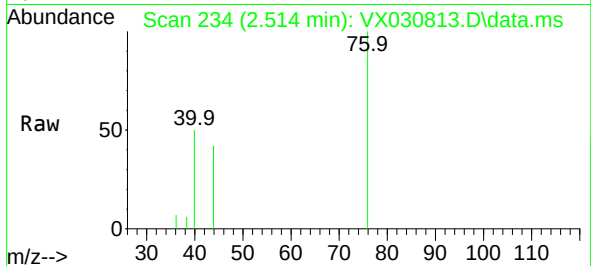




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

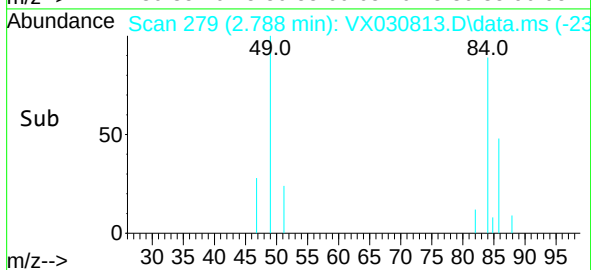
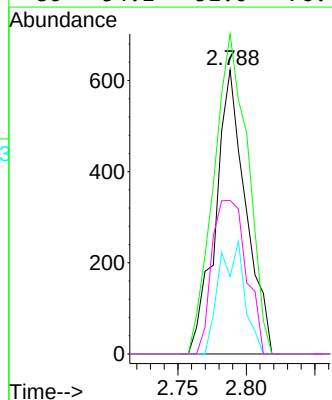
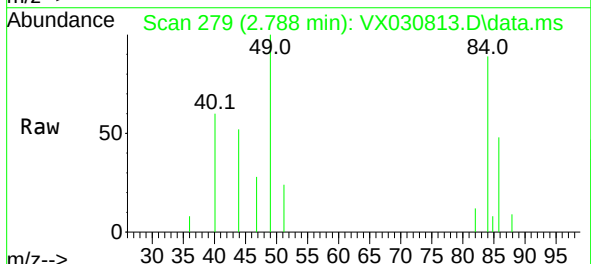
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MSVOA_X
ClientSampleId :
VX0826WBL01

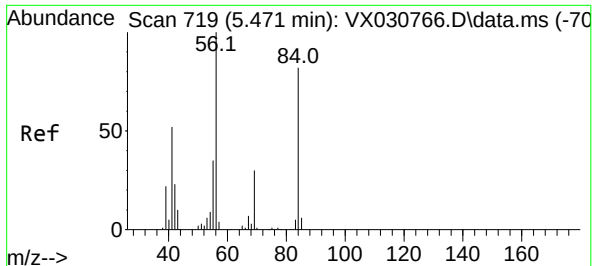
Tgt Ion: 76 Resp: 1228
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

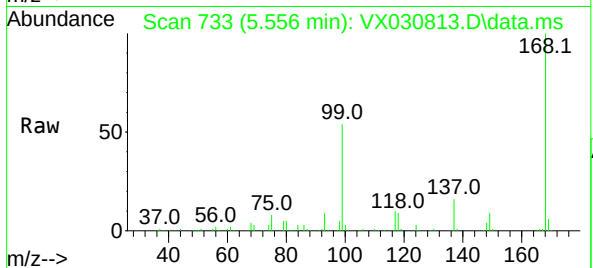
Tgt Ion: 84 Resp: 955
Ion Ratio Lower Upper
84 100
49 112.7 93.8 140.6
51 27.3 29.4 44.0#
86 54.1 51.0 76.4



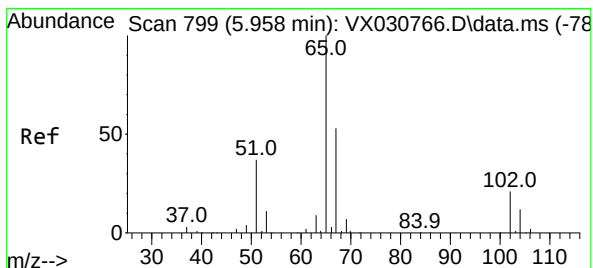
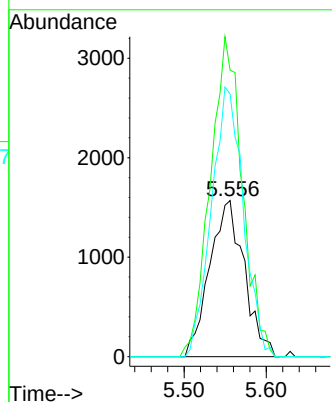
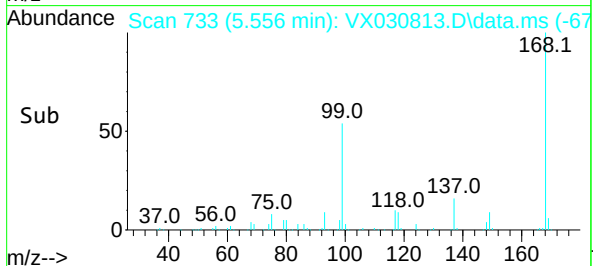


#31
Cyclohexane
Concen: 1.287 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBL01

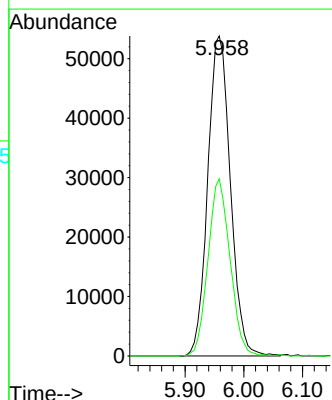
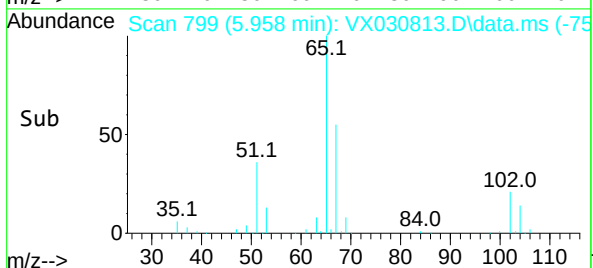
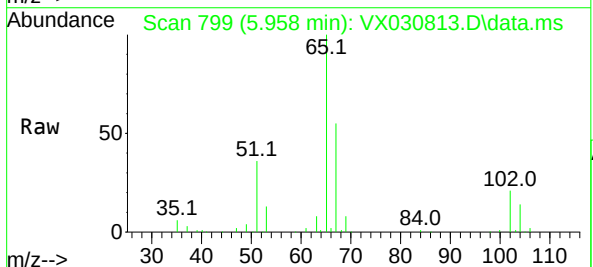


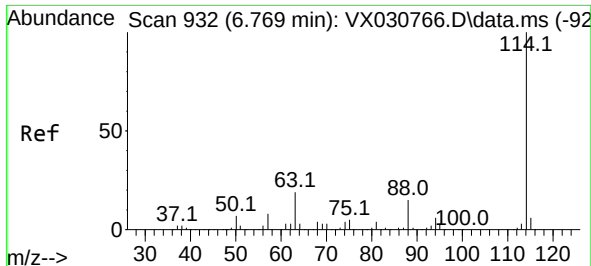
Tgt Ion: 56 Resp: 4589
Ion Ratio Lower Upper
56 100
69 183.5 25.4 38.0#
84 168.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 51.720 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

Tgt Ion: 65 Resp: 144203
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6

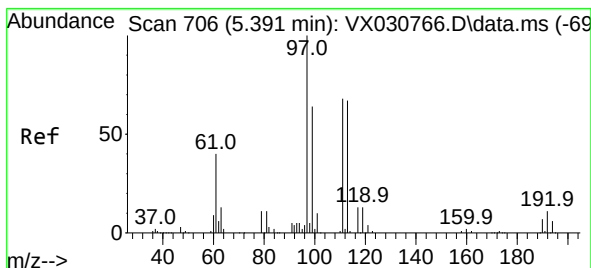
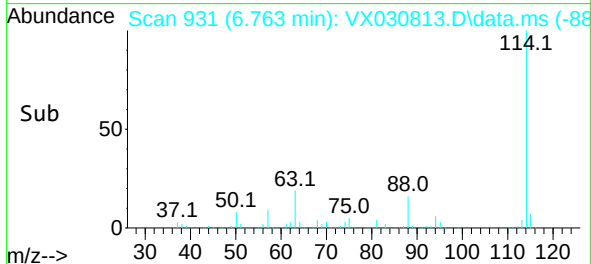
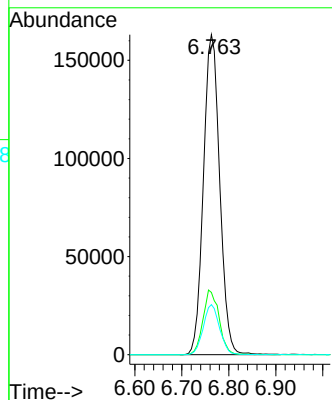
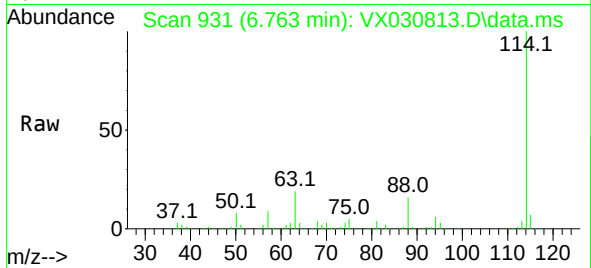




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

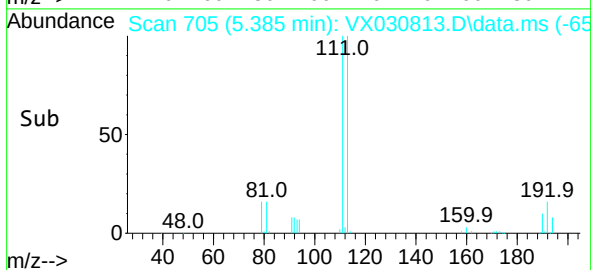
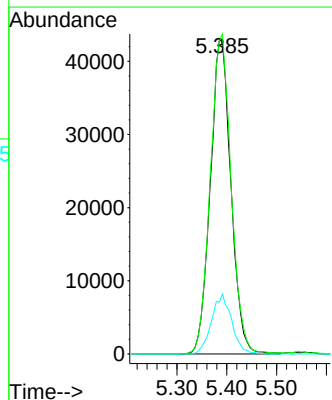
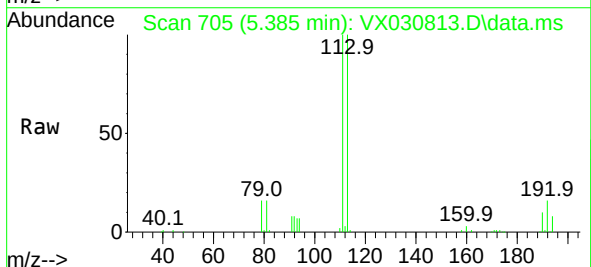
Instrument :
MSVOA_X
ClientSampleId :
VX0826WBL01

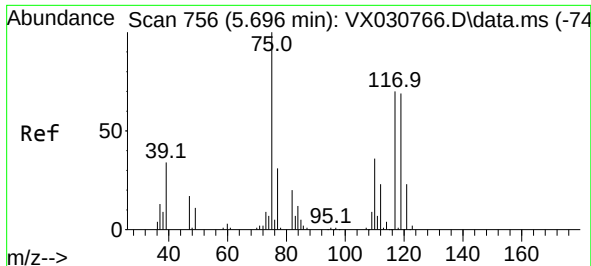
Tgt Ion:114 Resp: 392479
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.4
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.189 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

Tgt Ion:113 Resp: 123474
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 18.6 14.8 22.2

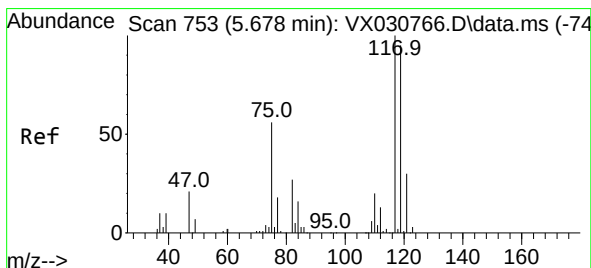
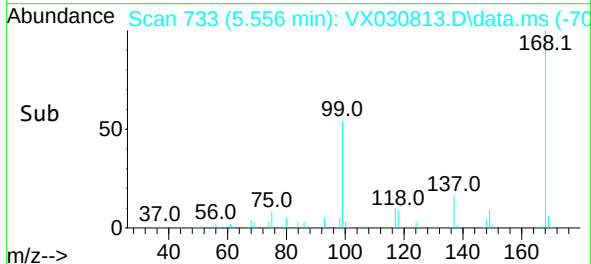
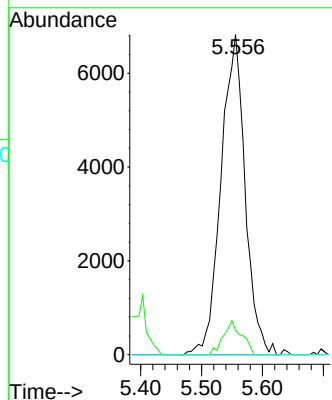
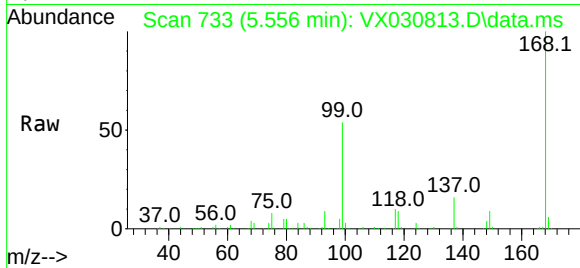




#36
 1,1-Dichloropropene
 Concen: 5.711 ug/l
 RT: 5.556 min Scan# 713
 Delta R.T. -0.140 min
 Lab File: VX030813.D
 Acq: 26 Aug 2022 10:08

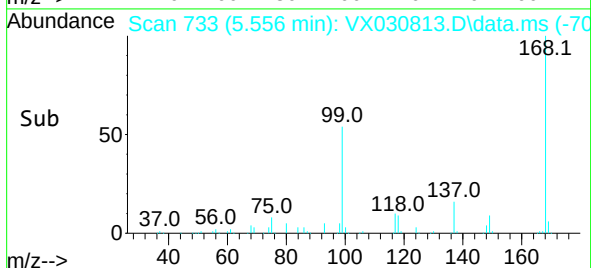
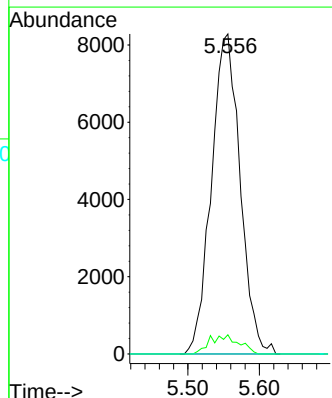
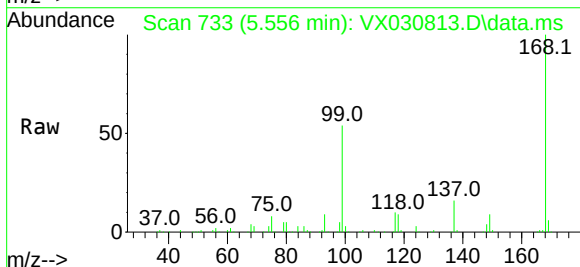
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBL01

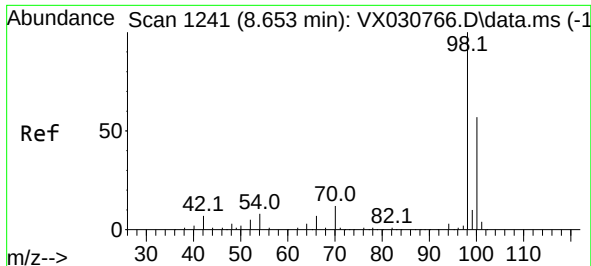
Tgt Ion: 75 Resp: 18760
 Ion Ratio Lower Upper
 75 100
 110 8.1 19.3 57.9#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 6.670 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX030813.D
 Acq: 26 Aug 2022 10:08

Tgt Ion: 117 Resp: 23108
 Ion Ratio Lower Upper
 117 100
 119 6.0 74.1 111.1#
 121 0.0 25.8 38.8#

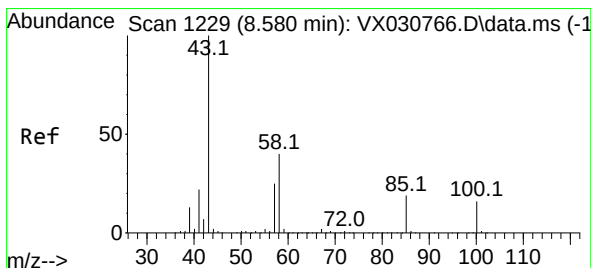
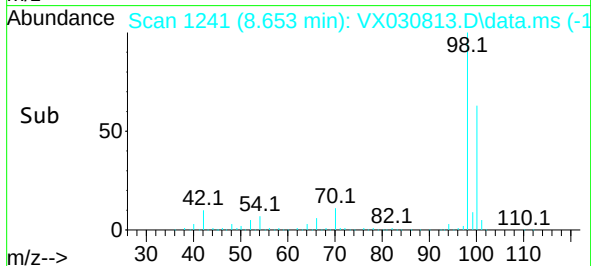
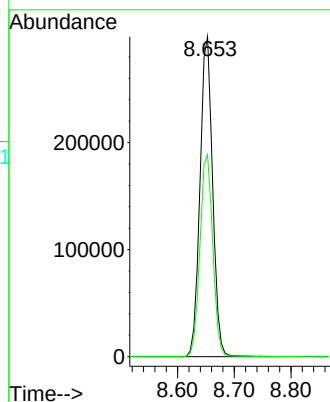
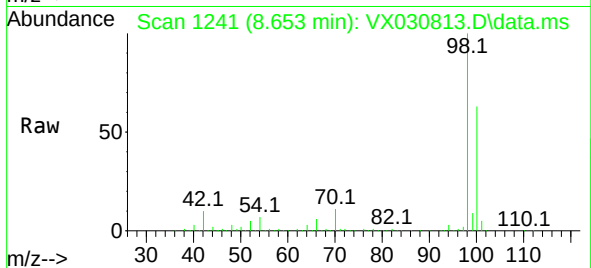




#50
Toluene-d8
Concen: 54.759 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

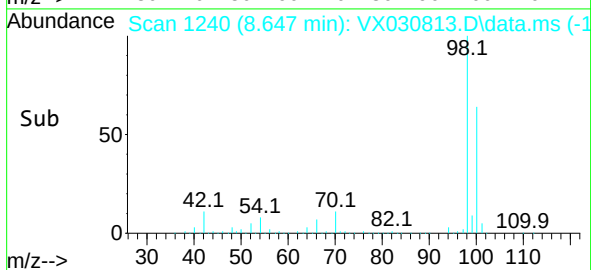
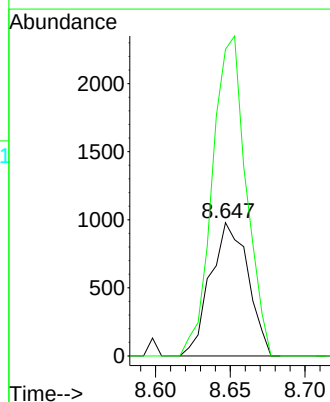
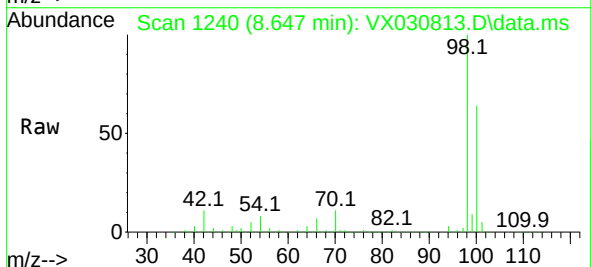
Instrument :
MSVOA_X
ClientSampleId :
VX0826WBL01

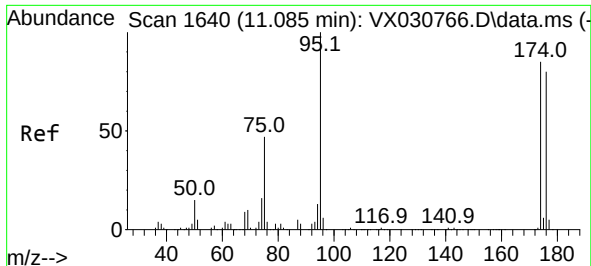
Tgt Ion: 98 Resp: 460275
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.433 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

Tgt Ion: 43 Resp: 1710
Ion Ratio Lower Upper
43 100
58 215.6 31.4 47.2#

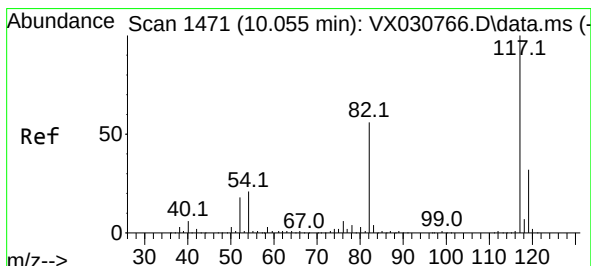
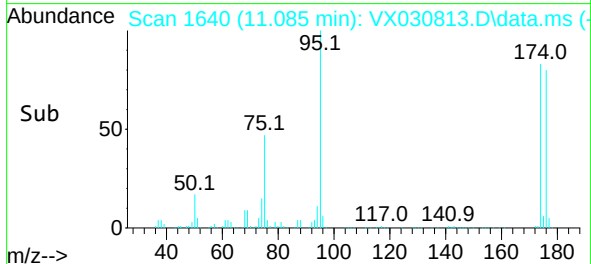
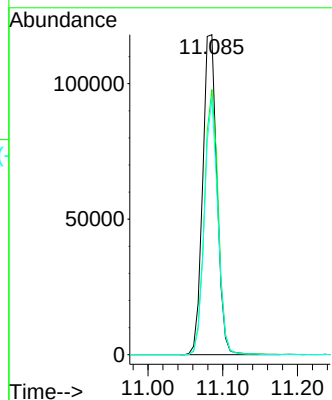
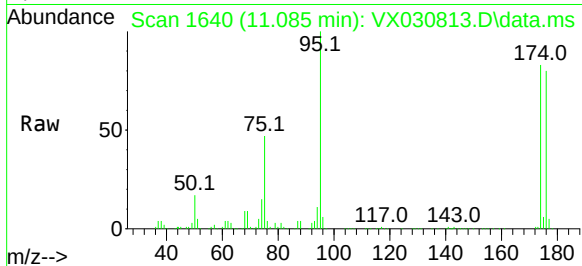




#62
4-Bromofluorobenzene
Concen: 49.903 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

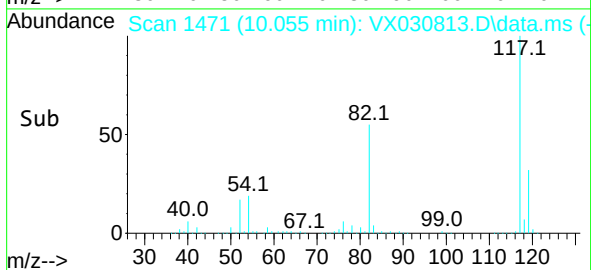
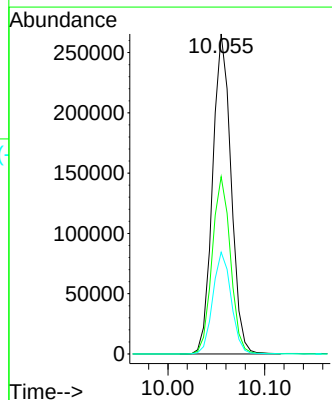
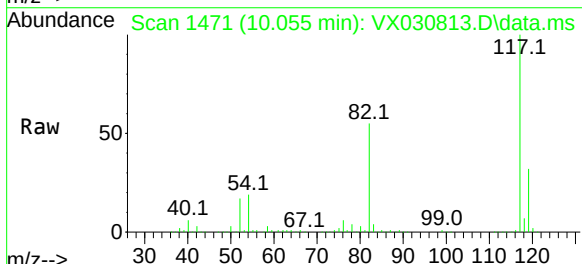
Instrument :
MSVOA_X
ClientSampleId :
VX0826WBL01

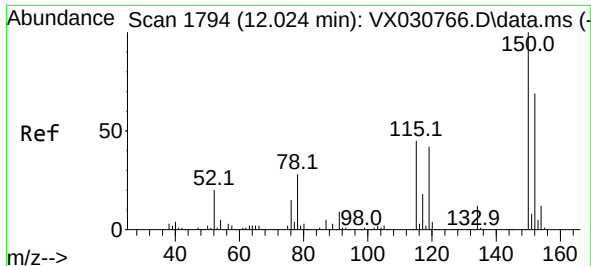
Tgt Ion: 95 Resp: 156163
Ion Ratio Lower Upper
95 100
174 80.8 0.0 149.0
176 75.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

Tgt Ion: 117 Resp: 351641
Ion Ratio Lower Upper
117 100
82 55.4 42.7 64.1
119 31.8 25.4 38.2

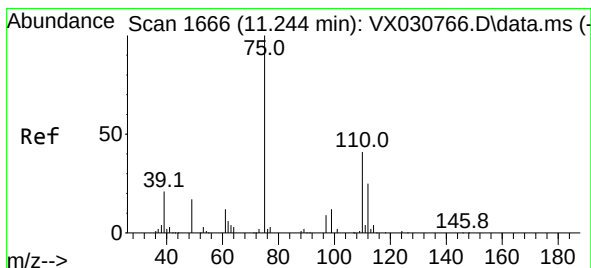
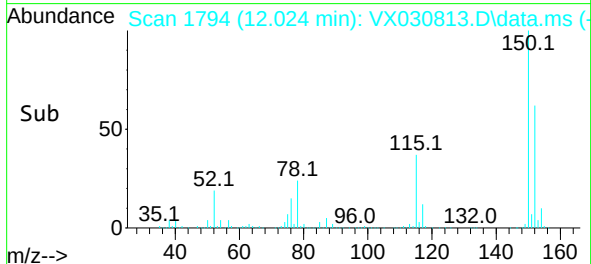
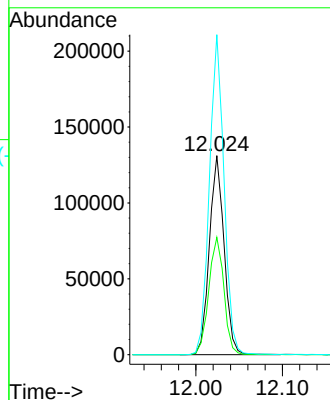
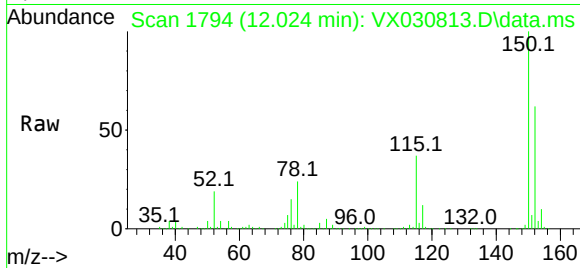




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

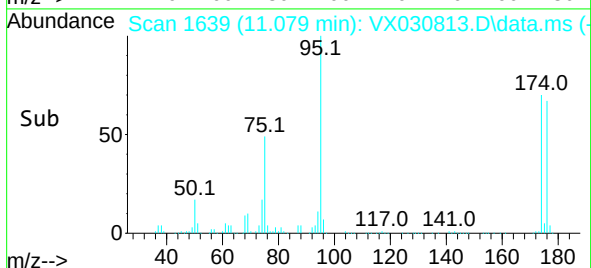
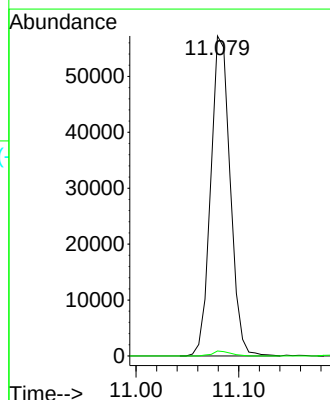
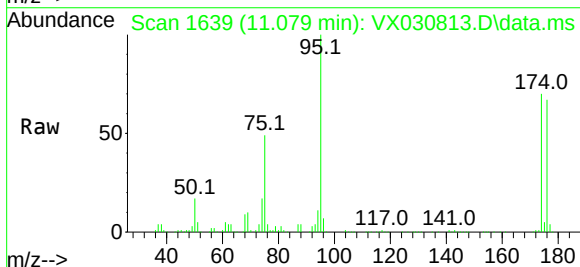
Instrument :
MSVOA_X
ClientSampleId :
VX0826WBL01

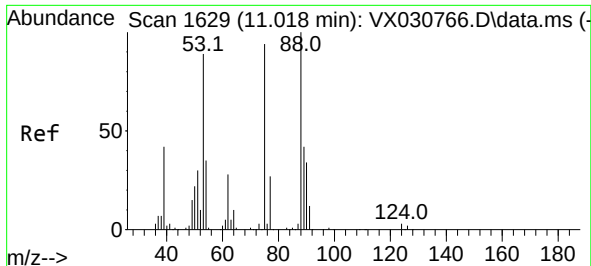
Tgt Ion:152 Resp: 155208
Ion Ratio Lower Upper
152 100
115 60.6 40.5 121.5
150 159.2 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 22.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

Tgt Ion: 75 Resp: 75430
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#

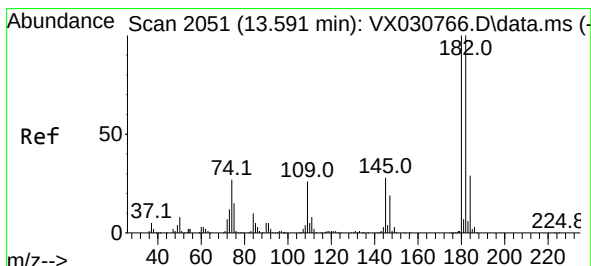
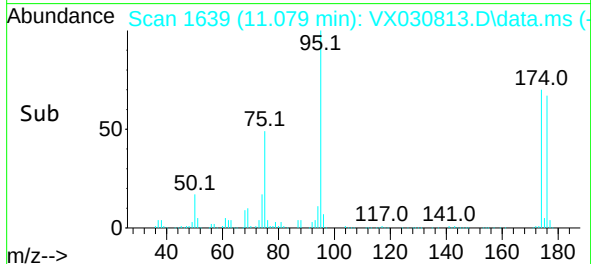
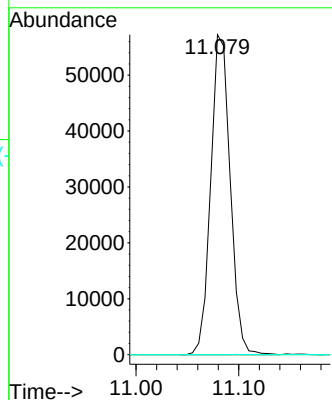
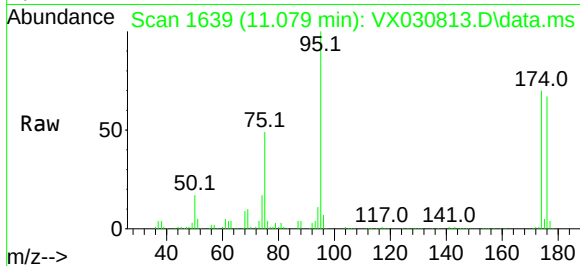




#81
trans-1,4-Dichloro-2-butene
Concen: 71.571 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

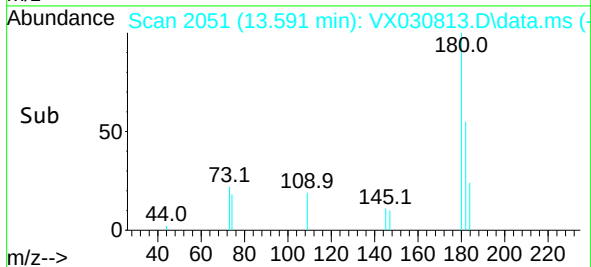
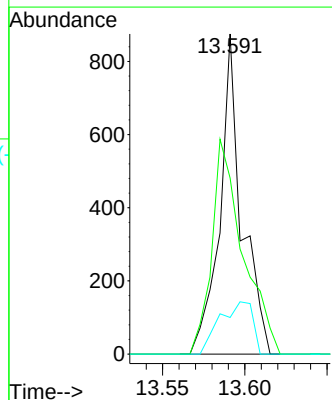
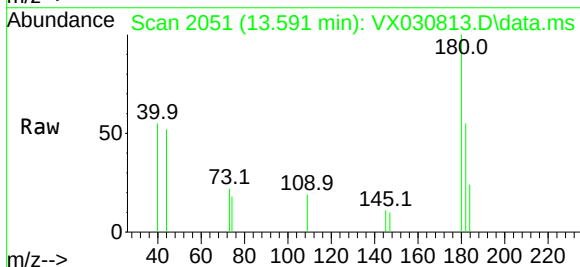
Instrument :
MSVOA_X
ClientSampleId :
VX0826WBL01

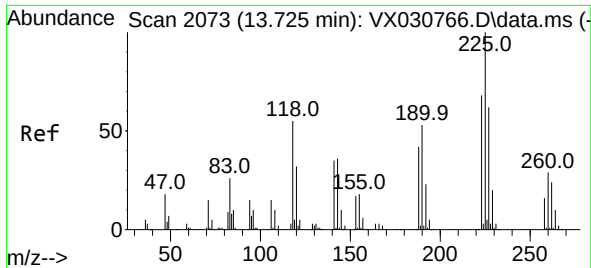
Tgt Ion: 75 Resp: 75430
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.254 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030813.D
Acq: 26 Aug 2022 10:08

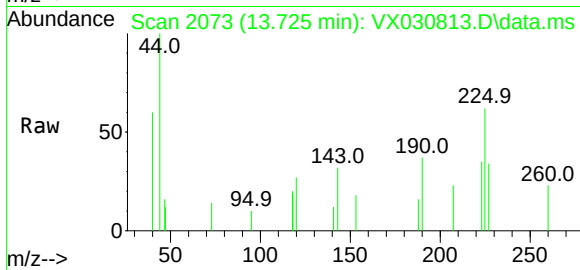
Tgt Ion:180 Resp: 809
Ion Ratio Lower Upper
180 100
182 94.9 48.2 144.6
145 24.6 15.9 47.6





#94
 Hexachlorobutadiene
 Concen: 0.282 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX030813.D
 Acq: 26 Aug 2022 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBL01



Tgt Ion:	225	Resp:	374
Ion	Ratio	Lower	Upper
225	100		
223	76.2	30.6	91.6
227	69.8	31.9	95.9

